

# Claims

[c1] A golf putter head, comprising:  
a main body having a generally triangular configuration;  
said main body having a leading wall having a first  
breadth;  
said leading wall having a top edge and a bottom edge;  
said main body having a trailing wall having a second  
breadth less than said first breadth;  
said trailing wall having a top edge and a bottom edge;  
a first sidewall interconnecting a first end of said leading  
wall and a first end of said trailing wall;  
a second sidewall interconnecting a second end of said  
leading wall and a second end of said trailing wall;  
a soleplate interconnecting said bottom edge of said  
leading wall and said bottom edge of said trailing wall;  
said soleplate having a breadth less than said second  
breadth of said trailing surface;  
a cavity formed in said main body, said cavity bounded  
on four sides by said leading wall, said trailing wall, said  
first sidewall, and said second sidewall;  
said cavity being unbounded on a top end and being  
partially bounded on a lower end by said soleplate;  
a ball-striking surface adapted to be mounted to said

leading wall;  
said soleplate being normal to said leading wall and said trailing wall;  
a first trailing weight-receiving cavity formed in said trailing wall;  
a plurality of trailing weight members of differing weights adapted to be releasably and selectively positioned within said trailing weight-receiving cavity;  
a first side wall weight-receiving cavity formed in said first side wall;  
a plurality of first side wall weight members of differing weights adapted to be releasably and selectively positioned within said first side wall weight-receiving cavity;  
a second side wall weight-receiving cavity formed in said second side wall;  
a plurality of second side wall weight members of differing weights adapted to be releasably and selectively positioned within said second side wall weight-receiving cavity;  
whereby the swingweight of a putter is adjusted by preselecting weight members from said plurality of trailing weight members and said plurality of first and second side wall weight members.

[c2] The golf putter head of claim 1, further comprising:  
a web disposed in interconnecting relation between said

leading wall and said trailing wall;  
said web being disposed normal to said leading wall and  
said trailing wall;  
said cavity being divided into two cavities by said web;  
whereby said web transmits forces applied to said leading wall at least in part to said trailing wall;  
whereby resistance offered by said leading wall to said applied forces is supplemented by resistance offered by said trailing wall.

[c3] The golf putter head of claim 2, further comprising:  
said soleplate being centered on a longitudinal axis of symmetry of said golf putter head;  
said web being mounted in upstanding relation to said soleplate;  
said web being disposed on said longitudinal axis of said golf putter head and dividing said cavity into two cavities of equal size.

[c4] The golf putter head of claim 1, wherein said leading wall of said golf putter head is about 3.7 to 4.0 inches in breadth.

[c5] The golf putter head of claim 1, further comprising:  
said plurality of trailing weight members including a first trailing weight member;  
said plurality of first and second side wall weight mem-

bers including a first side wall weight member and a second side wall weight member;  
said first trailing weight member being formed of copper and said first and second side wall weight members being formed of aluminum;  
said golf putter head having a total weight of about three hundred forty grams; and  
said golf putter head having a moment of inertia of about 4390 gm cm<sup>2</sup>.

[c6] The golf putter head of claim 5, wherein the swingweight of a club having a thirty two inch shaft and said golf putter head has a swingweight of B-6.

[c7] The golf putter head of claim 5, wherein the swingweight of a club having a thirty three inch shaft and said golf putter head has a swingweight of C-5.

[c8] The golf putter head of claim 5, wherein the swingweight of a club having a thirty four inch shaft and said golf putter head has a swingweight of D-3.

[c9] The golf putter head of claim 5, wherein the swingweight of a club having a thirty five inch shaft and said golf putter head has a swingweight of E-1.

[c10] The golf putter head of claim 5, wherein the swingweight of a club having a thirty six inch shaft and said golf put-

ter head has a swingweight of E-8.

[c11] The golf putter head of claim 1, further comprising:  
said plurality of trailing weight members including a first trailing weight member;  
said plurality of first and second side wall weight members including a first side wall weight member and a second side wall weight member;  
said first trailing weight member and said first and second side wall weight members being formed of copper;  
said golf putter head having a total weight of about three hundred fifty two grams; and  
said golf putter head having a moment of inertia of about 4600 gm cm<sup>2</sup>.

[c12] The golf putter head of claim 11, wherein the swingweight of a club having a thirty two inch shaft and said golf putter head has a swingweight of B-9.

[c13] The golf putter head of claim 11, wherein the swingweight of a club having a thirty three inch shaft and said golf putter head has a swingweight of C-9.

[c14] The golf putter head of claim 11, wherein the swingweight of a club having a thirty four inch shaft and said golf putter head has a swingweight of D-8.

[c15] The golf putter head of claim 11, wherein the swing-

weight of a club having a thirty five inch shaft and said golf putter head has a swingweight of E-7.

[c16] The golf putter head of claim 11, wherein the swingweight of a club having a thirty six inch shaft and said golf putter head has a swingweight of F-3.

[c17] The golf putter head of claim 1, further comprising:  
said plurality of trailing weight members including a first trailing weight member;  
said plurality of first and second side wall weight members including a first side wall weight member and a second side wall weight member;  
said first trailing weight member being formed of copper and said first and second side wall weight members being formed of copper-tungsten;  
said golf putter head having a total weight of about three hundred sixty five grams; and  
said golf putter head having a moment of inertia of about 4950 gm cm<sup>2</sup>.

[c18] The golf putter head of claim 17, wherein the swingweight of a club having a thirty two inch shaft and said golf putter head has a swingweight of C-4.

[c19] The golf putter head of claim 17, wherein the swingweight of a club having a thirty three inch shaft and said

golf putter head has a swingweight of D-4.

[c20] The golf putter head of claim 17, wherein the swingweight of a club having a thirty four inch shaft and said golf putter head has a swingweight of E-3.

[c21] The golf putter head of claim 17, wherein the swingweight of a club having a thirty five inch shaft and said golf putter head has a swingweight of F-2.

[c22] The golf putter head of claim 17, wherein the swingweight of a club having a thirty six inch shaft and said golf putter head has a swingweight of F-8.

[c23] The golf putter head of claim 1, further comprising:  
said plurality of trailing weight members including a first trailing weight member;  
said plurality of first and second side wall weight members including a first side wall weight member and a second side wall weight member;  
said first trailing weight member being formed of copper and said first and second side wall weight members being formed of tungsten;  
said golf putter head having a total weight of about three hundred seventy five grams; and  
said golf putter head having a moment of inertia of about 5200 gm cm<sup>2</sup>.

- [c24] The golf putter head of claim 23, wherein the swing-weight of a club having a thirty two inch shaft and said golf putter head has a swingweight of C-8.
- [c25] The golf putter head of claim 23, wherein the swing-weight of a club having a thirty three inch shaft and said golf putter head has a swingweight of D-8.
- [c26] The golf putter head of claim 23, wherein the swing-weight of a club having a thirty four inch shaft and said golf putter head has a swingweight of E-7.
- [c27] The golf putter head of claim 23, wherein the swing-weight of a club having a thirty five inch shaft and said golf putter head has a swingweight of F-6.
- [c28] The golf putter head of claim 23, wherein the swing-weight of a club having a thirty six inch shaft and said golf putter head has a swingweight of G-1.
- [c29] The golf putter head of claim 1, wherein said golf putter head leading wall has a breadth of four inches (4"), where said trailing weight is selected from the group consisting of copper and copper-tungsten weights, wherein said first and second side wall weights are selected from the group consisting of aluminum, copper, copper-tungsten, and tungsten weights, and wherein

said golf putter head has a moment of inertia that ranges from  $5890 \text{ gm cm}^2$  to  $6900 \text{ gm cm}^2$ .

[c30] The golf putter head of claim 1, wherein said golf putter head leading wall has a breadth of five inches (5"), wherein said trailing weight is a copper-tungsten weight, wherein said first and second side wall weights are selected from the group consisting of aluminum, copper, copper-tungsten, and tungsten weights, and wherein said golf putter head has a moment of inertia that ranges from  $11,000 \text{ gm cm}^2$  to  $14,500 \text{ gm cm}^2$ .